

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Histamine H3 Receptor (P326) Peptide

Cat No.: BS2627P

Background

Histamine is an inflammatory mediator that is ubiquitously expressed and has a broad range of pharmacologic effects. Specifically, it plays a role in the central nervous, gastrointestinal, respiratory and immune systems. The effects of histamine are mediated by a family of G protein-coupled receptors, the Histamine H1, H2, H3 and H4 Receptors. The gene encoding the human Histamine H3 Receptor is located on chromosome 20 and is expressed as six alternative splice variants in thalamus. These isoforms contain either a deletion in the second transmembrane domain or a variable deletion in the third intracellular loop. The existence of multiple H3 Receptor isoforms suggests that H3-mediated effects may be regulated through alternative splicing mechanisms. The H3 Receptor acts as an autoreceptor in the central nervous system (CNS) and modulates histamine synthesis and release.

Swiss-Prot

Q9Y5N1

Applications

Blocking

Specificity

This peptide can be used with studies using BS2627 Histamine H3 Receptor (P326) pAb.

Purification & Purity

Synthetic peptide Histamine H3 Receptor (P326). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.